

FIG. 1

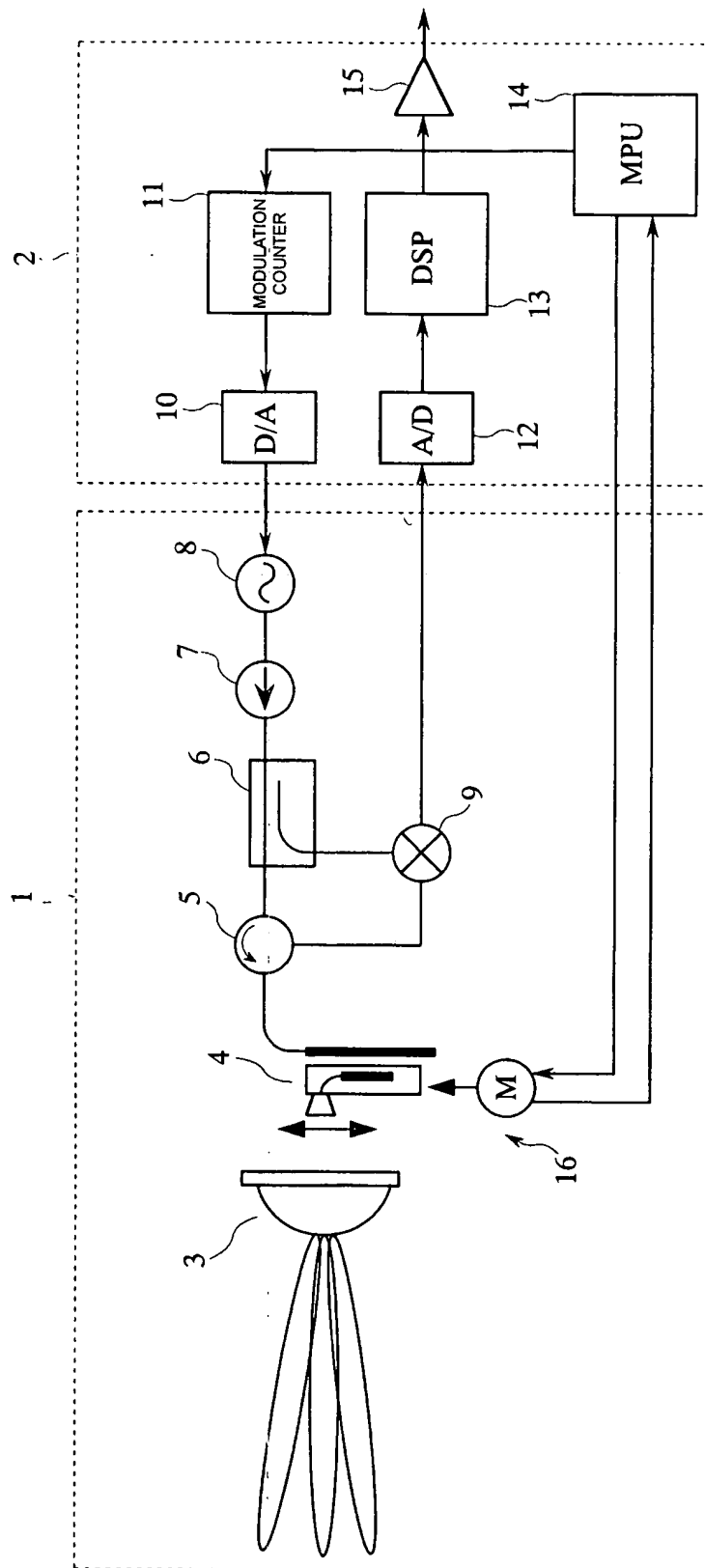


FIG. 2

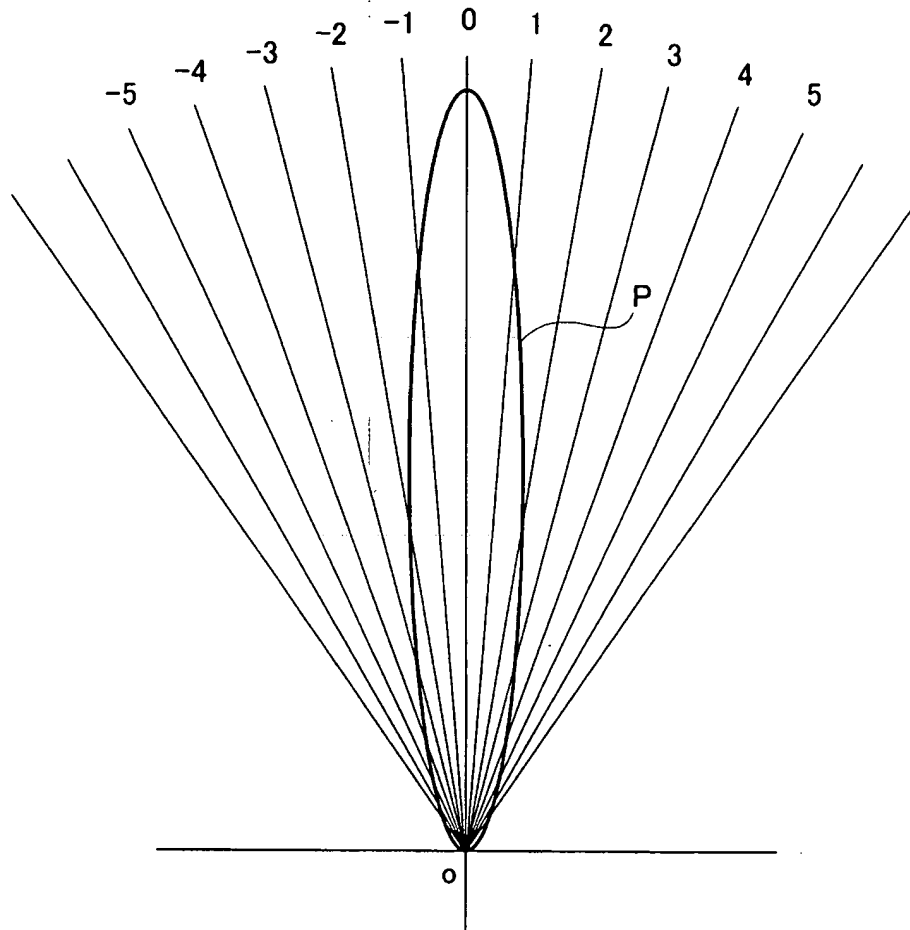


FIG. 3

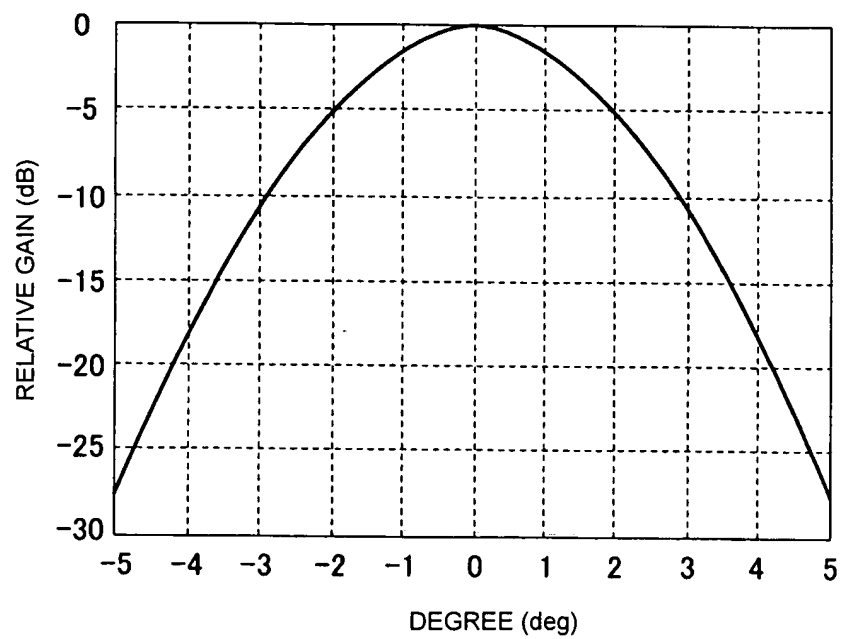


FIG. 4

DEGREE (deg)	RELATIVE GAIN (dB)	GAIN DIFFERENCE FROM BEAM 0.5° INSIDE (dB)	RELATIVE GAIN OF TRANSMITTED- RECEIVED BEAM (dB)
-5	-27.5	-55.00	10.00
-4.5	-22.5	-45.00	9.00
-4	-18	-36.00	8.00
-3.5	-14	-28.00	7.00
-3	-10.5	-21.00	6.00
-2.5	-7.5	-15.00	5.00
-2	-5	-10.00	4.00
-1.5	-3	-6.00	3.00
-1	-1.5	-3.00	2.00
-0.5	-0.5	-1.00	1.00
0	0.00	0.00	
0.5	-0.50	-1.00	1.00
1	-1.50	-3.00	2.00
1.5	-3.00	-6.00	3.00
2	-5.00	-10.00	4.00
2.5	-7.50	-15.00	5.00
3	-10.50	-21.00	6.00
3.5	-14.00	-28.00	7.00
4	-18.00	-36.00	8.00
4.5	-22.50	-45.00	9.00
5	-27.50	-55.00	10.00

FIG. 5

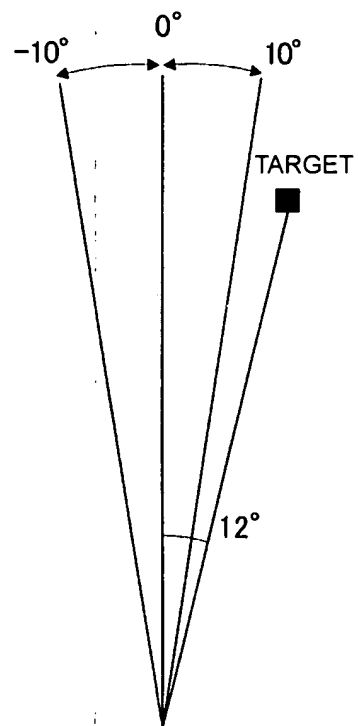


FIG. 6

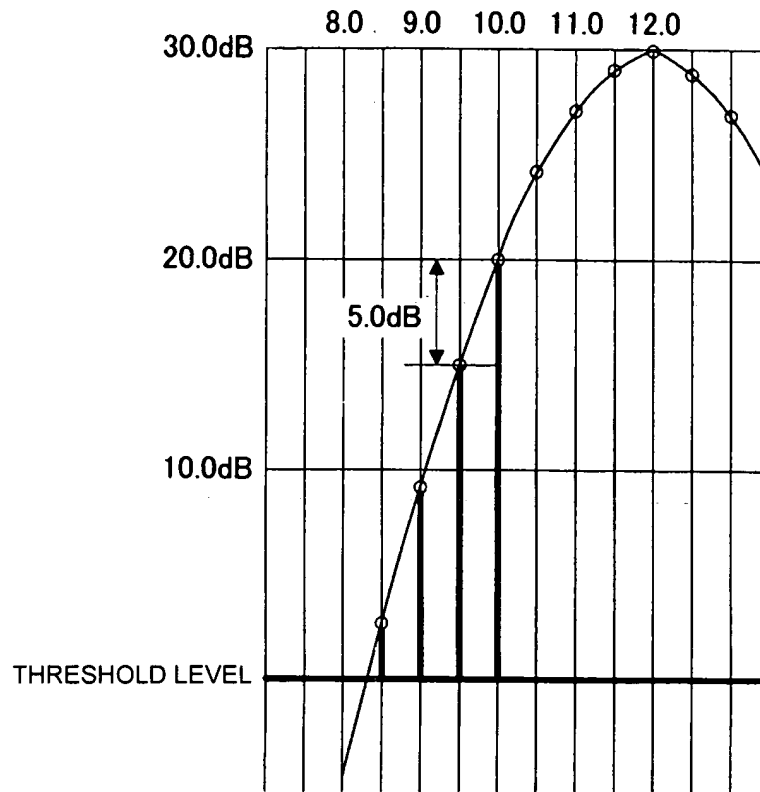


FIG. 7

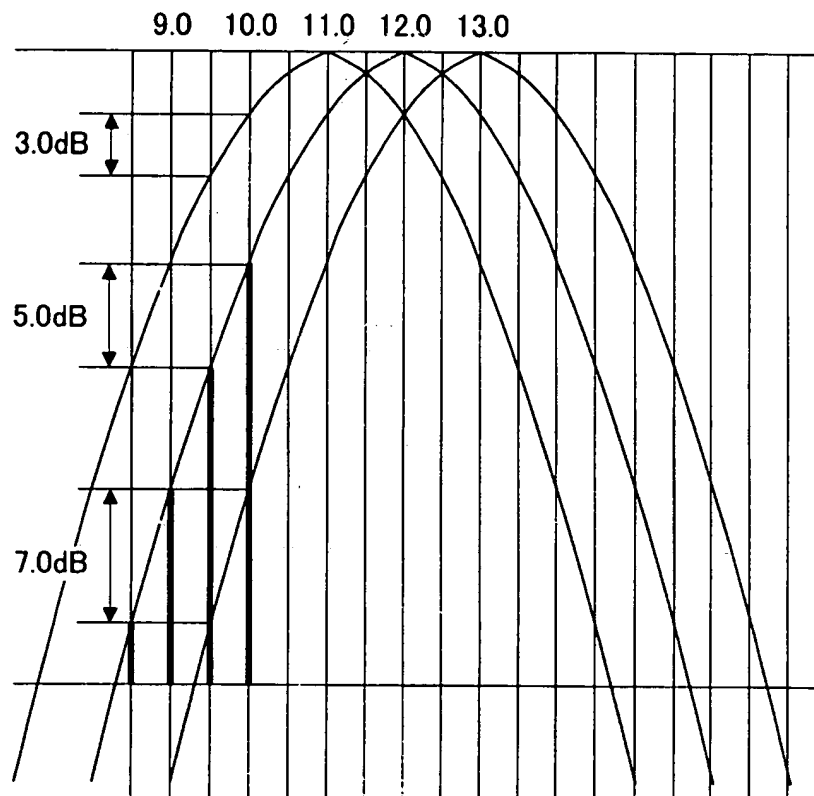


FIG. 8

DEGREE (deg)	LEVEL DIFFERENCE (dB)
10	~1.5
10.5	1.5~2.5
11	2.5~3.5
11.5	3.5~4.5
12	4.5~5.5
12.5	5.5~6.5
13	6.5~7.5
13.5	7.5~8.5
14	8.5~9.5
14.5	9.5~

FIG. 9